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Abstract of JP5255095

PURPOSE: To provide the subject injection consisting mainly of fine crystalline calcium phosphate, having such effects as to sufficiently giving the pharmaceutical activity inherent in calcium phosphate, also having such an advantage as to enable, as a microcarrier for other medicines, control their activities. **CONSTITUTION:** A calcium phosphate such as hydroxyapatite, tricalcium phosphate, tetracalcium phosphate, octacalcium phosphate, calcium hydrogenphosphate, calcium pyrophosphate, or calcium metaphosphate, is synthesized in a fine crystalline form with a particle diameter of 0.1 μ m by wet synthesis technique. Thence, 15mg of this fine crystalline form is added to 1ml of water and emulsified using a homogenizer followed by adding a medicinal agent (e.g. insulin) to the resulting emulsion to carry the agent on the fine crystalline form, thus affording the objective intravascular injection having the above- mentioned advantages.

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